

REMARKS

Claims 1-8, 10 and 11 are pending in this application. By this Amendment, claims 1, 2, 10 and 11 are amended, as is the specification. The amendments introduce no new matter because (1) they are supported by at least the specification at page 20, lines 10 and 11, and page 23, lines 6-13, and the claims, as originally filed, or (2) are made to correct an informality Applicants discovered in preparing this response. Claim 9 is canceled without prejudice to, or disclaimer of, the subject matter recited in that claim. Reconsideration of the application based on the above amendments and the following remarks is respectfully requested.

The Office Action, on page 2, rejects claims 9-11 under 35 U.S.C. §112, second paragraph, as being indefinite. Specifically, the Office Action indicates that the metes and bounds of claim 9 are indeterminate. Claim 9 is canceled. To the extent that the subject matter of now-canceled claim 9 is incorporated by amendment into claims 10 and 11, the subject matter of the claims is revised to clarify the features recited in each of the claims. As such, any question regarding the "processing condition" and "predetermining a relationship" is amended to be made clear, unambiguous and definite.

Accordingly, reconsideration and withdrawal of the rejection of claims 10 and 11 under 35 U.S.C. §112, second paragraph, as being indefinite, are respectfully requested.

The Office Action, on page 2, rejects claims 1-11 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,492,194 B1 to Bureau et al. (hereinafter "Bureau"). This rejection is respectfully traversed.

Bureau is alleged to teach a number of the features recited in the pending claims. Bureau teaches a method for packaging of electronic components including the mounting of at least one electronic component on its active face side to a base and having a deformable film deposited on the face opposite to the active face of the electronic component or

components that is then aspirated through a series of holes from the face opposite the external face of the base so as to sheath the electronic component or components (Abstract). In Bureau, the operation of aspiration may be combined with a heating operation and/or an operation for applying pressure to the surface of the film to improve its deformation, for example, in an autoclave under vacuum (col. 3, lines 52-57). The film described in Bureau may include a thermo-adhesive property in, for example, a thermoplastic film, that can be implemented by the effects of temperature and pressure.

Claim 1 recites, among other features, adhering the resin film to the mounted substrate by heating the resin film to cause the resin film to fluidize and thereafter to harden, wherein the resin film is formed of a thermosetting resin; and when the resin film hardens by being heated, the resin film contracts and thereby acts to push the electronic component toward to the mount substrate. Bureau's disclosure of a deformable thermoplastic film, even a film having thermo-adhesive property, cannot reasonably be considered to teach, or even to have suggested, the thermosetting resin that is the subject matter of the pending claims with all of the specifically enumerated properties. Any pressure of the electronic component toward the mount substrate in Bureau would result from the aspiration process and not from any characteristic of the thin film.

For at least this reason, Bureau cannot reasonably be considered to have suggested the combination of all of the features recited in independent claim 1. Further, claims 2-8 also would not have been suggested by Bureau for at least the respective dependence of these claims directly on independent claim 1, as well as for the separately patentable subject matter that each of these claims recites.

Finally, the combinations of all of the features recited in claims 10 and 11 are not even addressed by the Office Action. Bureau, however, cannot reasonably be considered to have suggested a step of determining in advance, based on results of measurement, a relationship

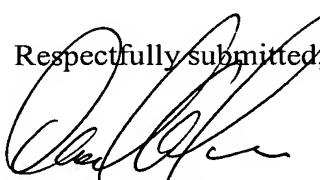
between a processing condition employed in the step of adhering the resin film and the amount of change in a center frequency in a pass band of the band pass filter between before and after the step of adhering the resin film and controlling the processing conditions so that a desired center frequency be obtained for the band pass filter, based on the relationship determined in advance, as is positively recited, among other features in claims 10 and 11.

Accordingly, reconsideration and withdrawal of the rejections of claims 1-8, 10 and 11 under 35 U.S.C. §103(a) as being unpatentable over Bureau are respectfully requested.

In view of the foregoing, Applicants respectfully submit that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1-8, 10 and 11 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact Applicants' undersigned representative at the telephone number set forth below.

Respectfully submitted,


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